IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for rolling a computer resource back to a state associated with a computer image comprising:

determining a roll-back state associated with the computer image;

determining whether the roll-back state is secure;

performing one or more remediation actions prior to or during a roll-back of the computer resource to the roll-back state if it is determined that the roll-back state is not secure; and

rolling back the computer resource if it is determined that the roll-back state is secure;

wherein determining whether the roll-back state is secure comprises scanning data comprising the computer image to determine whether the computer resource, if rolled back to the roll-back state, would be one or both of:

vulnerable to a known external attack; and

in a compromised state as a result of a prior external attack made at a time prior to the computer image being generated.

2. (Cancelled)

3. (Previously presented) A method as recited in claim 1 wherein the image is a system image.

4. (Original) A method as recited in claim 1 wherein the image is a file.

5. (Previously presented) A method as recited in claim 1 wherein the image is an application image.

6-8. (Cancelled)

9. (Previously presented) A method as recited in claim 1 wherein determining whether the roll-back-state is secure includes evaluating a security definition in a repository providing data to the roll-back state.

10. (Previously presented) A method as recited in claim 9 wherein determining whether the roll-back-state is secure includes determining whether the definition is updated.

11. (Previously presented) A method as recited in claim 10 wherein determining whether the roll-back-state is secure includes retrieving an updated definition if the definition is not updated.

12. (Previously Presented) A method as recited in claim 11 wherein determining whether the roll-back-state is secure includes installing the updated definition if the definition is not updated.

13. (Previously Presented) A method as recited in claim 1 wherein performing one or more remediation actions includes:

displaying a message; and

receiving a user input.

14-25. (Cancelled)

26. (Currently Amended) A computer program product for rolling a computer resource back to a state associated with a computer image, the computer program product being embodied in a tangible computer readable storage medium and comprising computer instructions for:

determining a roll-back state associated with the computer image;

determining whether the roll-back state is secure;

performing one or more remediation actions prior to or during a roll-back of the computer resource to the roll-back state if it is determined that the roll-back state is not secure; and

rolling back the computer resource if it is determined that the roll-back state is secure;

wherein determining whether the roll-back state is secure comprises scanning data comprising the computer image to determine whether the computer resource, if rolled back to the roll-back state, would be one or both of:

vulnerable to a known external attack; and

in a compromised state as a result of a prior external attack made at a time prior to the computer image being generated.

27-29. (Cancelled)

30. (Previously Presented) A method as recited in claim 1 wherein performing one or more remediation actions includes displaying a warning to a user.

31. (Previously Presented) A method as recited in claim 1 wherein performing one or more remediation actions includes stopping the roll-back during the roll-back of the computer resource.

32. (Previously Presented) A method as recited in claim 1 wherein the remediation actions may be configured by a user, system/network administrator, or other person.

33. (Previously Presented) A method as recited in claim 1 wherein performing one or more remediation actions includes retrieving updated security definitions.

34. (Currently Amended) A system for rolling a computer resource back to a state associated with a computer image comprising:

a processor; and

a memory coupled with the processor, wherein the memory is configured to provide the processor with instructions which when executed cause the processor to:

determine a roll-back state associated with the computer image;

determine whether the roll-back state is secure;

perform one or more remediation actions prior to or during a roll-back of the computer resource to the roll-back state if it is determined that the roll-back state is not secure; and

roll back the computer resource if it is determined that the roll-back state is secure;

wherein determining whether the roll-back state is secure comprises scanning data comprising the computer image to determine whether the computer resource, if rolled back to the roll-back state, would be one or both of:

vulnerable to a known external attack; and

in a compromised state as a result of a prior external attack made at a time prior to the computer image being generated.

35. (Previously Presented) A system as recited in claim 34 wherein the image is a file.

36. (Previously Presented) A system as recited in claim 34 wherein the image is an application image.

37. (Previously Presented) A system as recited in claim 34 wherein determining whether the roll-back-state is secure includes evaluating a security definition in a repository providing data to the roll-back state.

38. (Previously Presented) A system as recited in claim 37 wherein determining whether the roll-back-state is secure includes determining whether the definition is updated.

39. (Previously Presented) A system as recited in claim 38 wherein determining whether the roll-back-state is secure includes retrieving an updated definition if the definition is not updated.

40. (Previously Presented) A system as recited in claim 39 wherein determining whether the roll-back-state is secure includes installing the updated definition if the definition is not updated.

41. (Previously Presented) A system as recited in claim 34 wherein performing one or more remediation actions includes:

displaying a message; and

receiving a user input.

42. (Previously Presented) A system as recited in claim 34 wherein performing one or more remediation actions includes displaying a warning to a user.

43. (Previously Presented) A system as recited in claim 34 wherein performing one or more remediation actions includes stopping the roll-back during the roll-back of the computer.

44. (Previously Presented) A system as recited in claim 34 wherein the remediation actions may be configured by a user, system/network administrator, or other person.

45. (Previously Presented) A system as recited in claim 34 wherein performing one or more remediation actions includes retrieving updated security definitions.

46. (Previously Presented) A system as recited in claim 34 wherein the image is a system image.